

Please amend the present application as follows:

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("~~—~~"), as is applicable:

1. (Currently amended) A method for intercepting an event, the method comprising:

generating an event with an application program;

calling an application program interface to process the event;

receiving the event with the application program interface;

~~automatically determining without prompting from a user~~ with the application program interface if an intercept library is enabled to process the event;

if the intercept library is enabled to process the event, ~~automatically transmitting the event from the application program interface to~~ calling the intercept library with the application program interface through a generic interception communication interface having at least one intercept event send handler, the generic interception communication interface maintaining communication between the application program interface and the intercept library;

transmitting the event ~~from the generic interception communication interface to~~ the intercept library with the at least one send handler of the generic interception communication interface;

determining at the intercept library if the event is to be processed by the intercept library; and

if the event is to be processed by the intercept library, processing the event with the intercept library.

2. (Previously presented) The method of claim 1, further including:
defining a plurality of events to be intercepted.

3. (Previously presented) The method of claim 2, wherein determining if the event is to be processed by the intercept library further includes:

finding the event to be processed in the plurality of events to be intercepted.

4. (Previously presented) The method of claim 1, wherein the event is selected from the group consisting of function calls and operating system calls.

5. (Previously presented) The method of claim 1, wherein processing the event includes:

sending a message enabling the application program interface to process the event if the intercept library cannot process the event.

6. (Canceled)

7. (Previously presented) An event interception system for generic interception of events, comprising:

means for receiving and processing an event generated by an application program;

means for determining whether any intercepting means is enabled to process the event;

means for transmitting the event from the receiving and processing means to the intercepting means if the intercepting means is enabled to process the event; and

intercepting means for receiving and processing the event;

wherein the means for transmitting the event comprises a generic interception communication interface having at least one intercept event send handler, the generic interception communication interface maintaining communication between the intercepting means and the processing means.

8. (Original) The event interception system of claim 7, further comprising:

means for defining a plurality of events to be intercepted.

9. (Previously presented) The event interception system of claim 8, wherein the means for determining whether any intercepting means is enabled comprises:

means for finding the event to be processed in the plurality of events to be intercepted.

10. (Previously presented) The event interception system of claim 7, wherein the event is selected from the group consisting of function calls and operating system calls.

11. (Previously presented) The event interception system of claim 7, further comprising:

means for sending a message enabling the processing means to process the event if the intercepting means cannot process the event.

12. (Canceled)

13. (Previously presented) An event interception system for generic interception of events, comprising:

an application program interface that is configured to receive requests for service regarding events generated by an application program, the application program interface further being configured to determine if an intercept library is enabled to process the events and, if so, transmit the events to the intercept library;

an intercept library that is configured to process events; and

a generic interception communication interface that is configured to transmit events from the application program interface to the intercept library, the generic interception communication interface having at least one intercept event send handler for maintaining communication between the application program interface and the intercept library.

14-15. (Canceled)

16. (Previously presented) The event interception system of claim 13, wherein the events are selected from the group consisting of function calls and operating system calls.

17. (Previously presented) The event interception system of claim 13, wherein the intercept library is configured to send messages enabling the application programming interface to process events if the intercept library cannot process the events.

18-20. (Canceled)

21. (Previously presented) The method of claim 1, wherein processing the event comprises invoking with the intercept library an event program that processes the event.

22. (Previously presented) The method of claim 1, further comprising returning an output from the intercept library to the application program interface for transmission to the application program.

23. (Previously presented) The event interception system of claim 7, wherein the intercepting means comprises means for invoking an event program that processes events.

24. (Previously presented) The event interception system of claim 7, further comprising means for returning an output from the intercepting means to the means for receiving and processing an event.

25. (Previously presented) The event interception system of claim 13, wherein the intercept library is further configured to invoke an event program that processes events.

26. (Previously presented) The event interception system of claim 13, wherein the intercept library is further configured to return an output to the application program interface.